Installation Instructions- PEEP valve Modification Kit

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1 Scope

This conversion kit is intended for carrying out modifications to the PEEP valve/Safety valve control line for Julian complete (pn- 4115513). These modifications will reduce the oscillation tendencies in the pressure control loop (control line to PEEP valve). This scope includes all errors connected with the Safety valve and PEEP valve (test step 18, 23,and 37).

2 Included with these Instructions

The Conversion Kit “Peep valve Modification 8604094 contains the following:

1 Conversion Instructions

1 Volume capacitor

Double sided tape

3 Tools / Test Equipment

3.1 Tools

basic equipment, including:

phillips screwdriver
cutters

3.2 Test Equipment

A basic set of test equipment is required.

4 Instructions

4.1 General

Remove the main back panel from the Julian (both panels do not have to be removed). Remove the screws holding the ventilator assembly in place (under ventilator) and fold down ventilator. Find the orange tubing that connects the TEE fitting to the Safety valve. Carefully cut the tubing, leaving enough tubing to connect to the volume capacitor's open ports (PAY SPECIAL ATTENTION TO THE OPENINGS- THERE ARE ONLY TWO). Connect volume capacitor in line with Safety valve and TEE fitting as shown in the illustration. Secure volume capacitor to ventilator sheet metal with the double-sided tape. Make sure tubing is not kinked in any way.

4.2 Assembly

Fold the ventilator back in to place and secure with the screws removed earlier. Do not reinstall the back panel at this time. Power on Julian and enter into service mode after confirming check list. Select "SpO2/Ventdos" and perform Service Test 23. "PSI-pres"= 80 to 84 mbar. Adjust if necessary. Power unit "OFF".

Power unit "ON" and allow unit to complete a successful power-on self test.

Reinstall back panel of Julian.

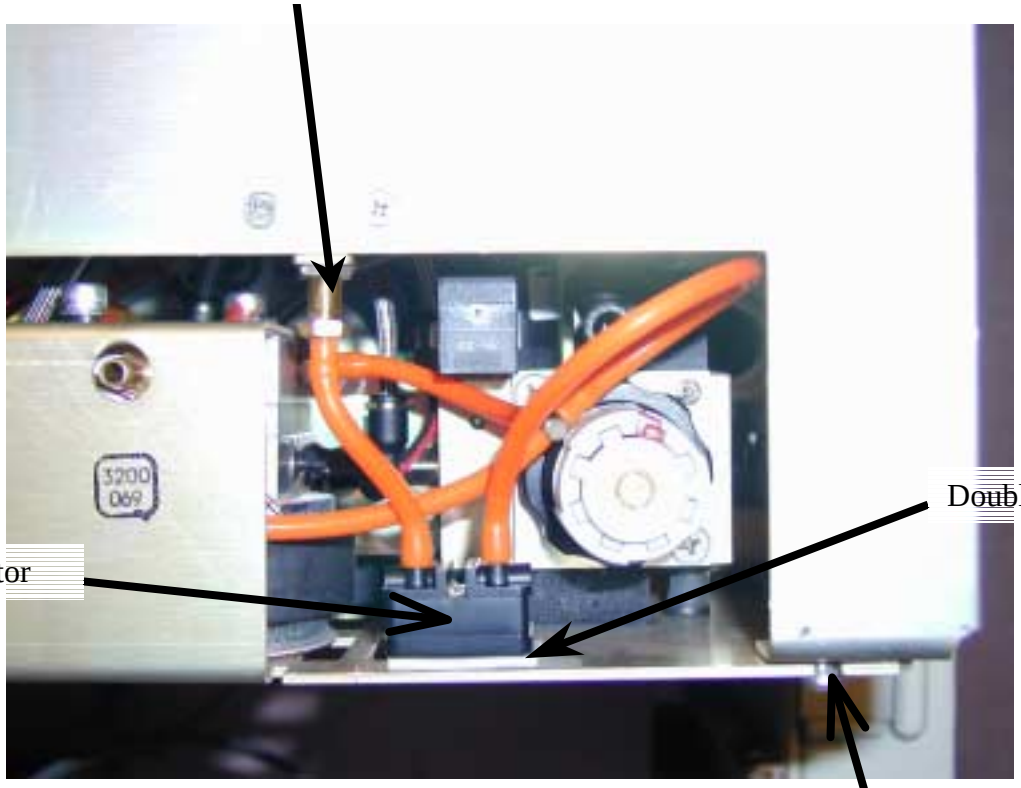
4.3 Final Testing

Perform Electrical Safety Testing according to Julian Test Certificate, step 22.

Check ventilation modes according to Safety and Function Test, step 18 "Ventilation Modes".

Ventilate sample line during normal operation in order to make sure that the CO_2 curve is displayed on the Julian screen.

5 Illustrations



NOTE: Make sure not kink any tubing!!